

14-Inch DBS Compatible TV Antenna with 24-Inch Dipoles

OWNER'S MANUAL — Please read before using this equipment.

Your RadioShack 14-Inch DBS Compatible TV Antenna provides excellent reception of VHF and UHF signals in areas where local stations are mid-range. Its compact, modern styling makes it ideal for installation with DBS satellite systems.

The UV-protected housing is made of impact-resistant filled co-polymer, making it resistant to weathering. Its design complements the DBS mini-dish, and with its bidirectional receiver and dipoles, it is excellent for areas where there are stations in opposite directions.

The antenna comes with two DBS diplexers that let you combine antenna and satellite cables outside the house and separate them at the DBS receiver inside the house.

BEFORE YOU BEGIN

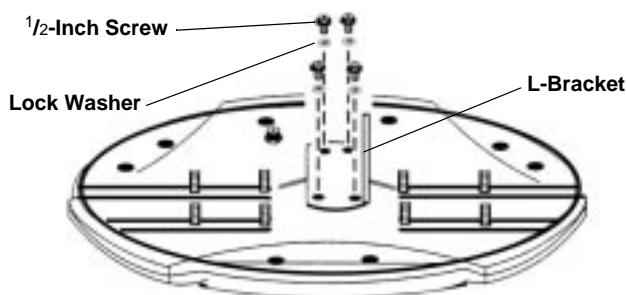
Before you begin installation, read this manual and the separate Consumer Product Safety Commission information sheet. For your safety and convenience, plan each step of the installation and purchase the necessary hardware in advance. The hardware required and the order in which you perform the steps depend on the mounting and connection methods you choose.

Warning: When you install your antenna, use extreme caution. If the antenna starts to fall, let it go! It could contact overhead power lines. If the antenna touches the power line, contact with the antenna, mast, cable, or guy wires can cause electrocution and death. Call the power company to remove the antenna. *Do not attempt to remove it yourself.*

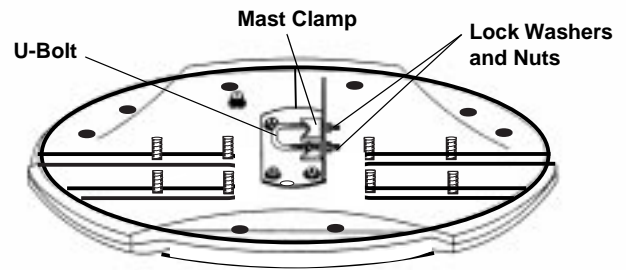
ASSEMBLING THE ANTENNA

Assemble the entire antenna on the ground.

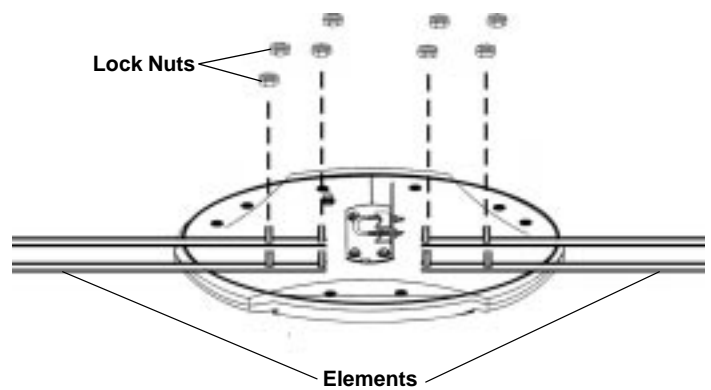
1. Use the supplied hardware to attach the supplied mounting L-bracket to the bottom of the antenna.



2. Use the supplied hardware to loosely attach the mast clamp assembly to the L-bracket.



3. Attach the two aluminum tubing elements to the antenna using the supplied lock nuts.



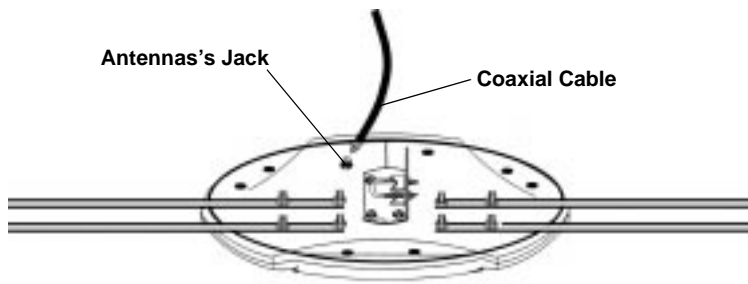
CONNECTING LEAD-IN CABLE TO THE ANTENNA

We recommend RG-6 cable and, if you prepare your own cable, a quality F-connector (both available at your local RadioShack store.)

Note: If you prepare your own coaxial cable, be sure to slide a coax cable weather boot (not supplied) onto the cable before you attach the F-connector.

To connect the cable to your antenna, screw the 75-ohm coaxial cable's F-connector onto the antenna's jack. Then slip the weather boot over the connection. (If you use a cable without a

weather boot, cover the connection with weather-resistant tape, available at your local RadioShack store.)



Note: If your existing antenna download is 300-ohm twin-lead cable, you must replace it with 75-ohm coaxial cable. (300-ohm twin-lead cable requires using a matching transformer that would significantly interfere with the antenna's operation.)

SETTING UP THE ANTENNA

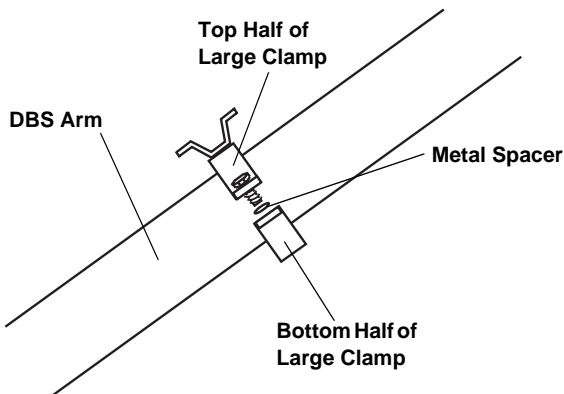
Your antenna has been specifically designed for use as an add-on antenna for a DBS satellite dish. Or you can mount the antenna by itself for local reception.

We recommend that you enlist the help of another person before you put up the mast or attach your antenna to it. How you set up your mast depends on your specific installation. Refer to the separate Consumer Product Safety Commission information sheet for recommended methods.

With a DBS Satellite Dish

Follow these steps to mount the antenna with a DBS satellite dish and make the required connections:

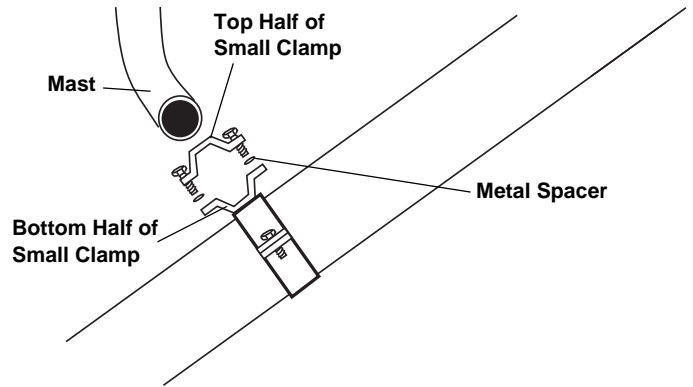
1. Separate both sections of the combination clamp by removing the bolts and the lock washers. Insert the lock washers and bolts back into the holes in the top half of the large clamp and position the clamp around the DBS arm. Slide the metal spacers over the ends of the bolts. Then thread the bolts through the holes in the bottom half of the large clamp until it securely holds the DBS arm.



Caution: You must use the metal spacers to prevent damage to the clamp. Do not overtighten the bolts.

2. Insert the lock washers and bolts back into the holes in the top half of the small clamp. Slide the metal spacers over the ends of the bolts. Then thread the bolts through the

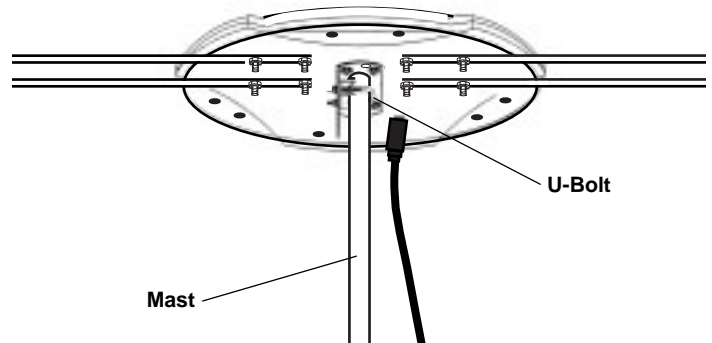
holes in the bottom half of the small clamp until the clamp is loosely attached together. Press the supplied end plugs into both ends of the mast. Insert the mast's curved end into the small clamp. Tighten the clamp's bolts until the mast is secure.



Caution: You must use the metal spacers to prevent damage to the clamp. Do not overtighten the bolts.

Note: Be sure the clamp holds the long portion of the mast in a vertical position.

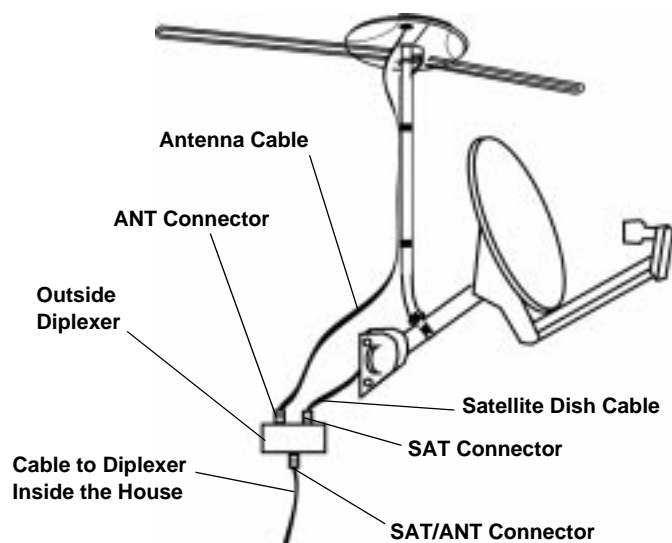
3. With the antenna's bottom side facing downward, slide the antenna's U-bolt over the top of the mast. Tighten the mast clamp assembly's nuts until it securely holds the antenna in a horizontal position. Do not overtighten the nuts.



4. Your antenna comes supplied with two identical DBS diplexers to combine the antenna and satellite cables outside the house and to separate them at the DBS receiver inside the house.

Connect the coaxial cable from the satellite dish to the **SAT** (satellite) connector on one of the diplexers and connect the coaxial cable from the antenna to the diplexer's **ANT** (antenna) connector. Then connect the coaxial cable from the satellite receiver inside the house to the diplexer's **SAT/ANT** connector. Be sure to cover all three connections to

the outside diplexer with weather-resistant tape, available at your local RadioShack store.

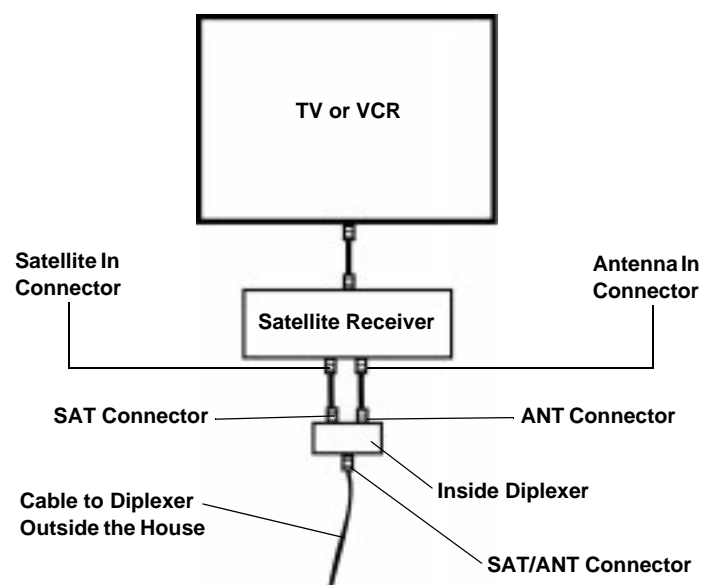


5. Follow these guidelines to route the coaxial cable from the outside diplexer's **SAT/ANT** connector into the house.

- Use plastic tape or mast standoff insulators to secure the coaxial cable to the mast at about 3-foot intervals. Continue down the roof and the side of the house using roof and wall standoff insulators.
- Use coaxial cable nail-in clips every few feet to secure the cable between the mast and where the cable enters the house.
- Use a 75-ohm grounding block at the point where the coaxial cable enters the house. Read the Consumer Product Safety Commission sheet for grounding instructions.
- Use a wall-through lead-in tube (not supplied) to neatly route the coaxial cable through walls.

6. Connect the coaxial cable from the outside diplexer to the **SAT/ANT** connector of the other diplexer inside the house. Attach one end of a short length of coaxial cable to the inside diplexer's **SAT** connector. Connect the other end to the satellite receiver's satellite in connector. Attach one end of another short length of coaxial cable to the inside

diplexer's **ANT** connector. Connect the other end to the satellite receiver's antenna in connector.



7. When you finish making all connections, rotate the antenna to a position that gives you the best reception.

For Local Reception Only

To mount the antenna by itself for local reception only, you will need a mast and mast mounting hardware, available at your local RadioShack store.

With the antenna's bottom side facing downward, slide the antenna's U-bolt over the top of the mast. Tighten the mast clamp assembly's nuts until it securely holds the antenna in a horizontal position. Do not overtighten the nuts.

Follow the guidelines listed in Step 5 to route the coaxial cable from the antenna into the house.

When you finish making all connections, rotate the antenna to a position that gives you the best reception.

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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